

# Replacing Wireless Coverage

## AT&T Telecommunication Facility



### **CSX Railroad Tracks**

225 33rd Street SE, Washington, DC 20019

# Introduction

- Replacement for AT&T Antennas that are currently on RFK Stadium
- Accommodates CSX, AT&T and 3 additional wireless carriers (Verizon, Dish)
- Enhances public safety network with FirstNet
- Fills coverage gaps with little visual impact and no adverse effects
- The facility will comply with all federal, state, and local laws
- Recommended Approval by ANC, Office of Planning, DDOT



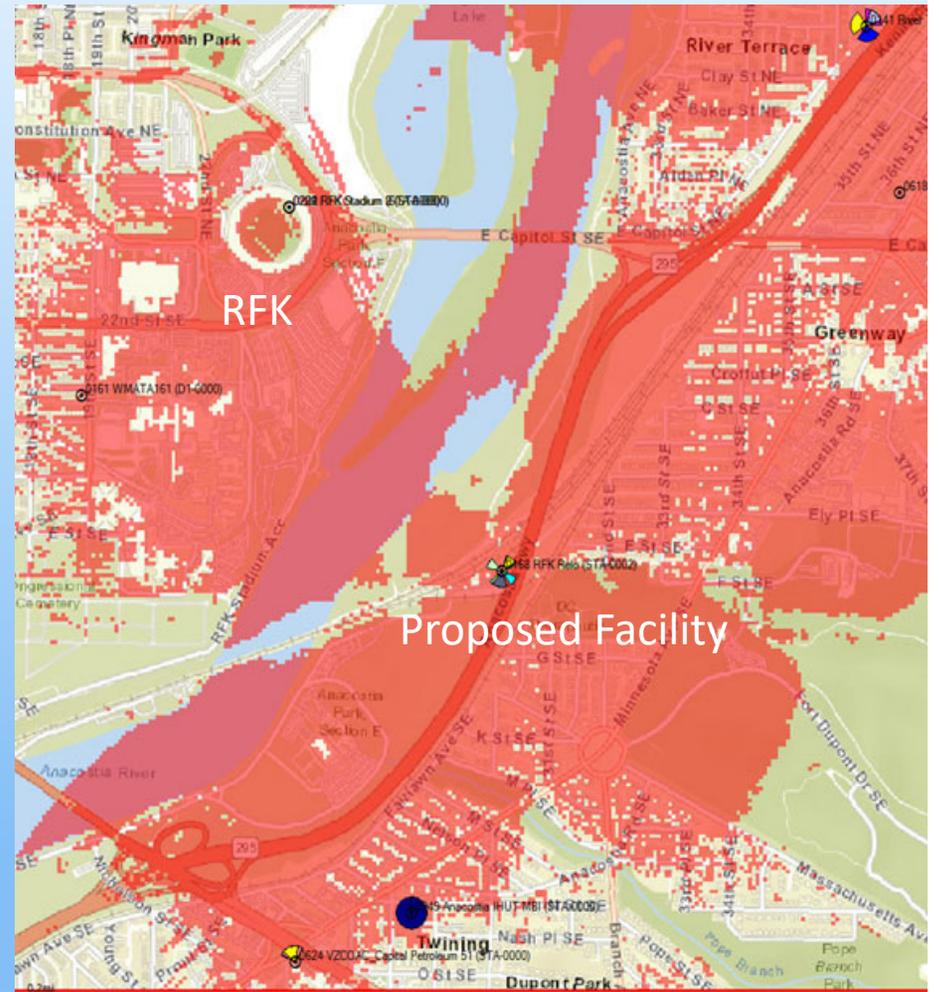
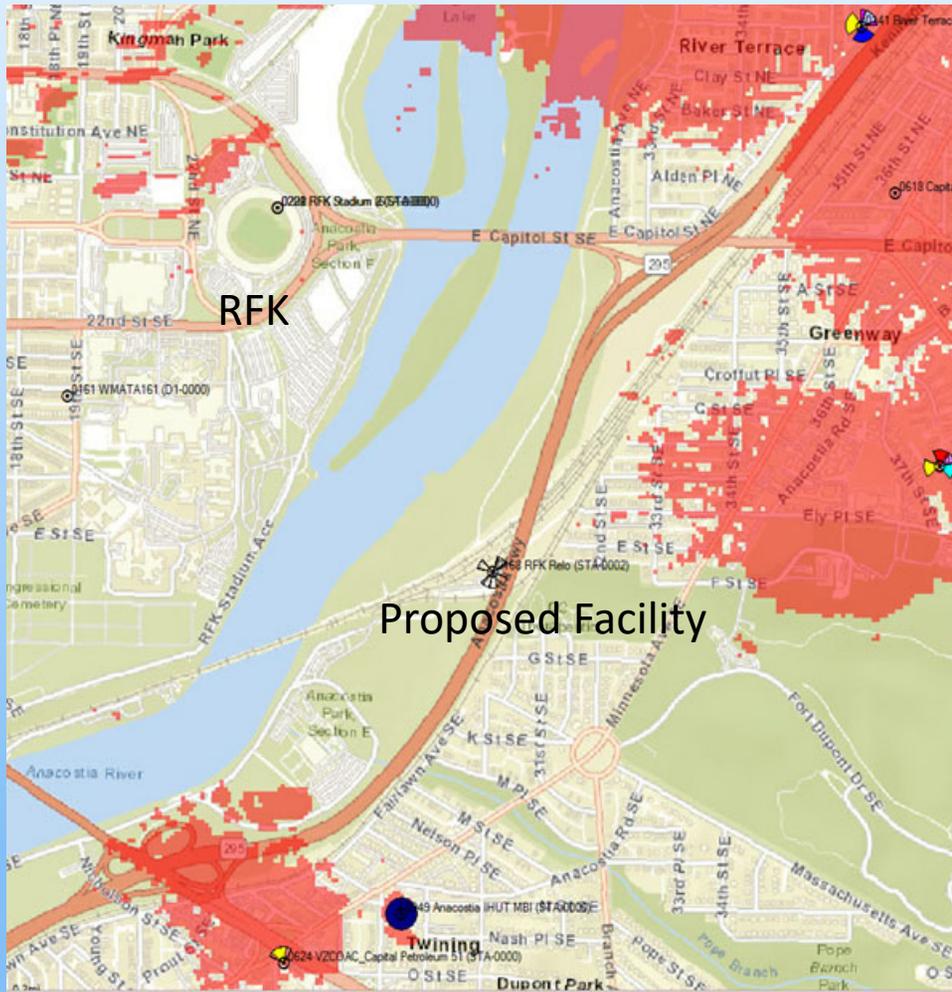
# Goals

- Reliable wireless services in and around Southeast D.C.
- Maintain emergency and non-emergency wireless and broadband services when antennas on RFK Stadium are decommissioned
- Provide co-location opportunities for other affected carriers:
  - CSX
  - Verizon Wireless
  - Dish Network
  - Two additional providers
- Reliable services that support the ongoing, increased wireless usage in At-Home Environment

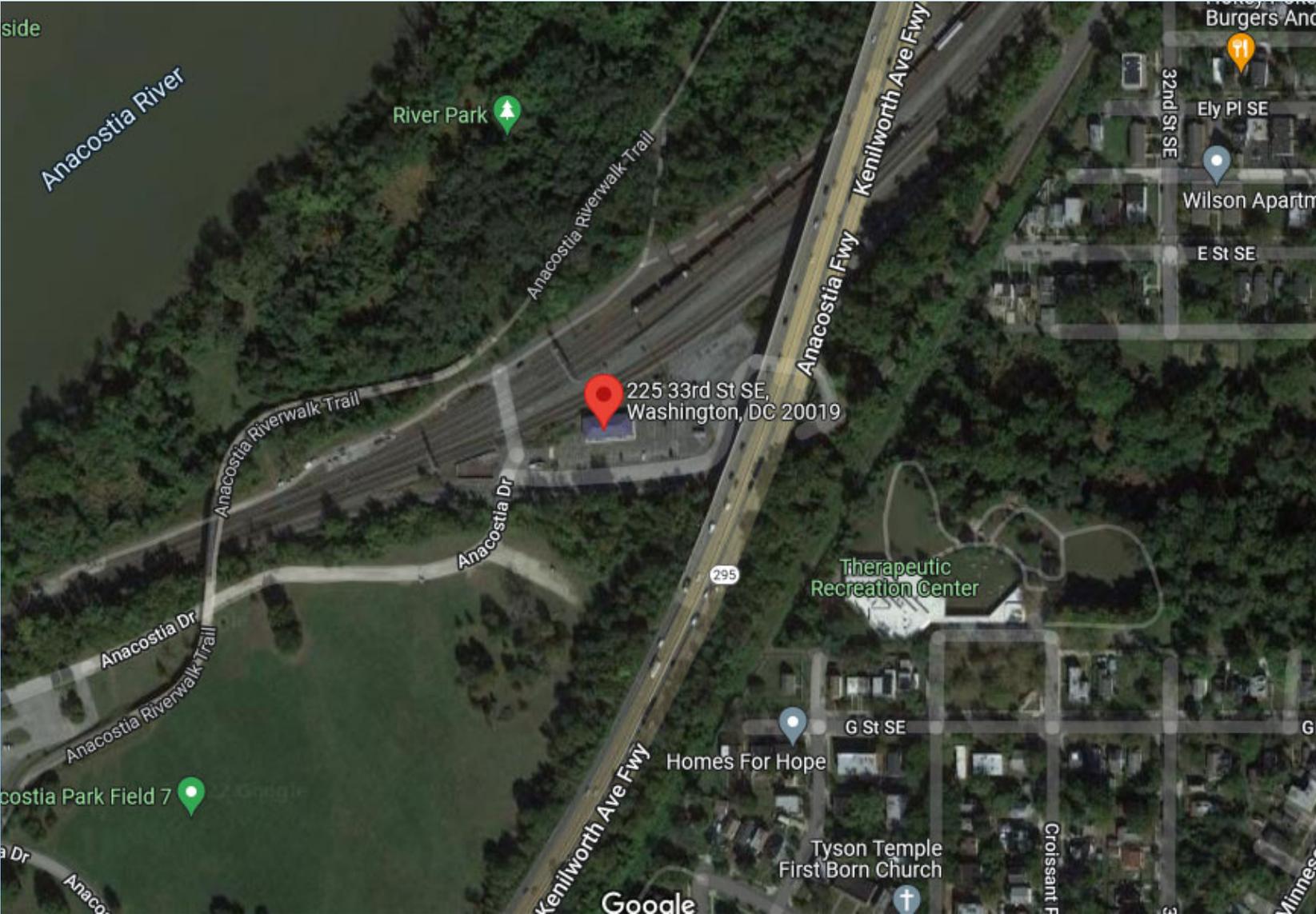


- Dedicated network access and bandwidth for first responders
- An exclusive contract with the federal government and AT&T
- Evolved from 9/11 Commission & Congressional Authorization
- More than 15,000 federal, state and local agencies
  - FEMA
  - Department of the Army
  - Department of the Navy
  - Federal Bureau of Investigation
- Over 2 million daily connections to respond to emergencies
- 50 states & 6 territories opted in by January 2018

# Lost Coverage vs. Replacement Coverage



# Overhead View



# Minimal Local Impact

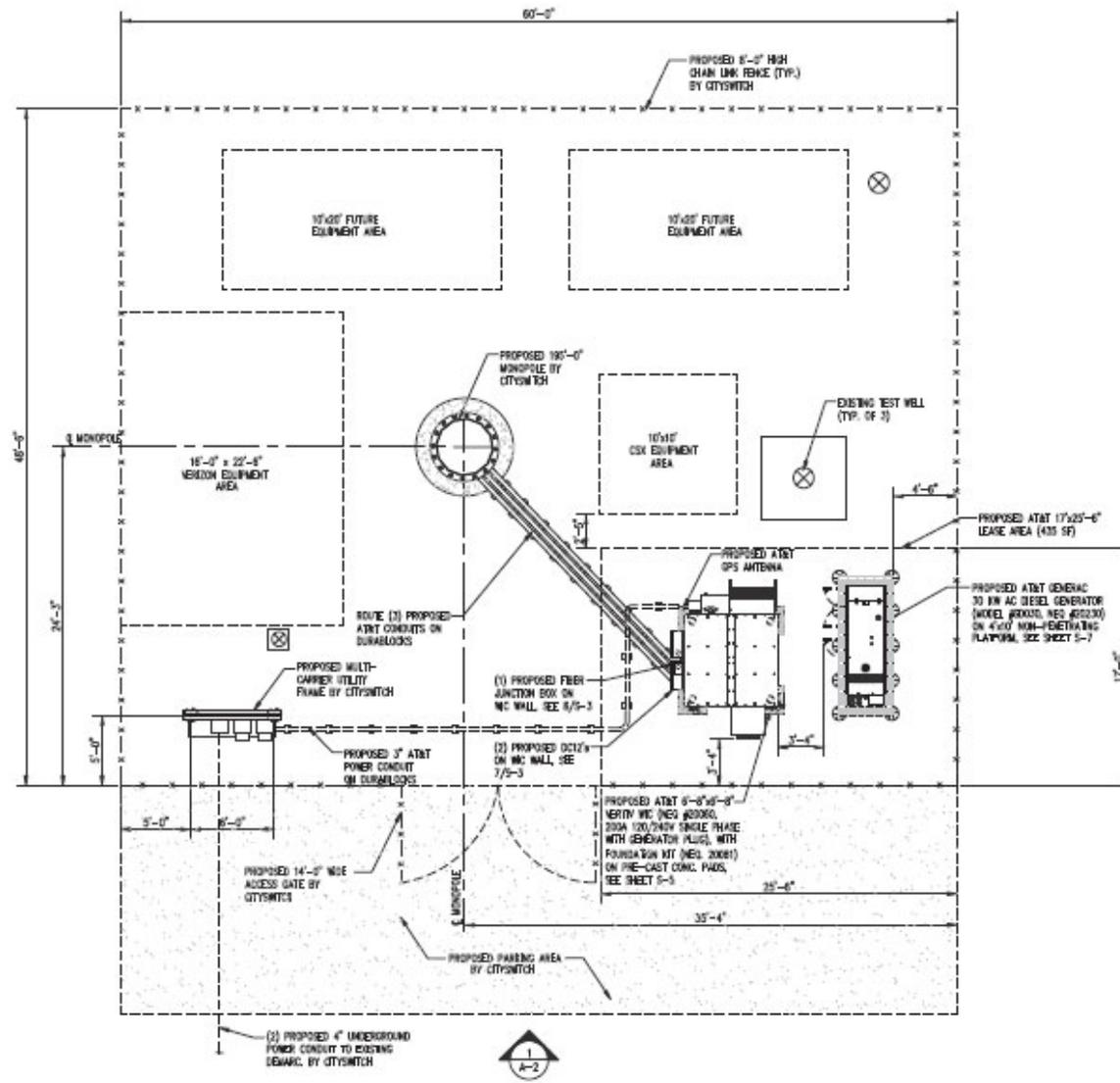
- Location maximizes buffer from residential homes
- Maintains and improves wireless and broadband services
- Unmanned facility, primarily managed remotely
- Approximately 3-4 visits per year by technician
- No impact on local traffic
- No adverse health effects associated with facility

# No Adverse Health Effects

- Wireless Signals are heavily regulated by FCC
- Wireless facilities are typically thousands of times below the federal safety limits
- Reputable agencies have found no adverse health effects:
  - American Cancer Society
  - National Cancer Institute
  - World Health Organization
  - American Council on Science and Health



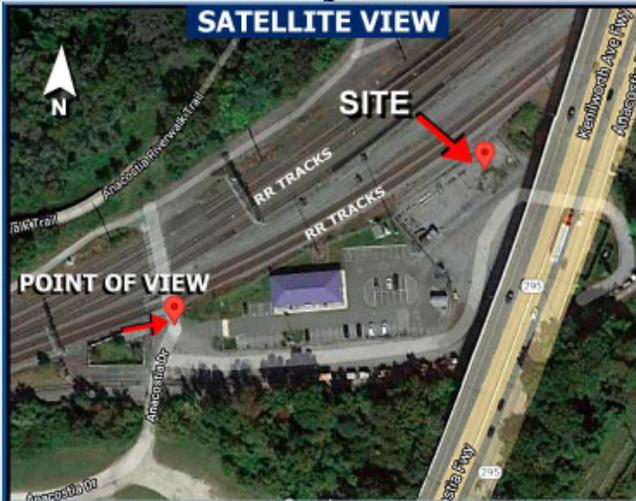
# Compound Plan





# Photo Simulations

## PROPOSED VIEW 1



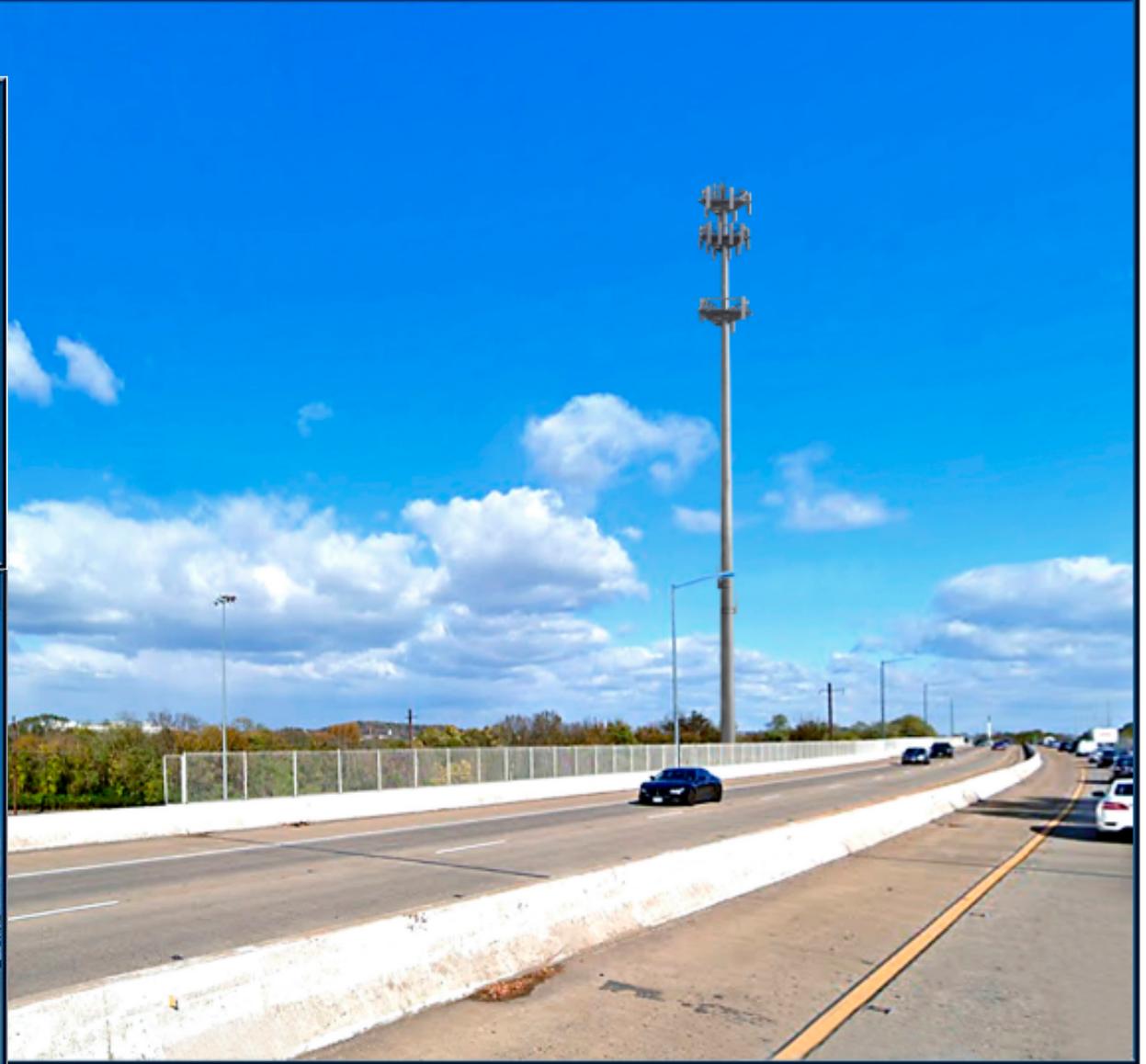
# Photo Simulations

## PROPOSED VIEW 2



# Photo Simulations

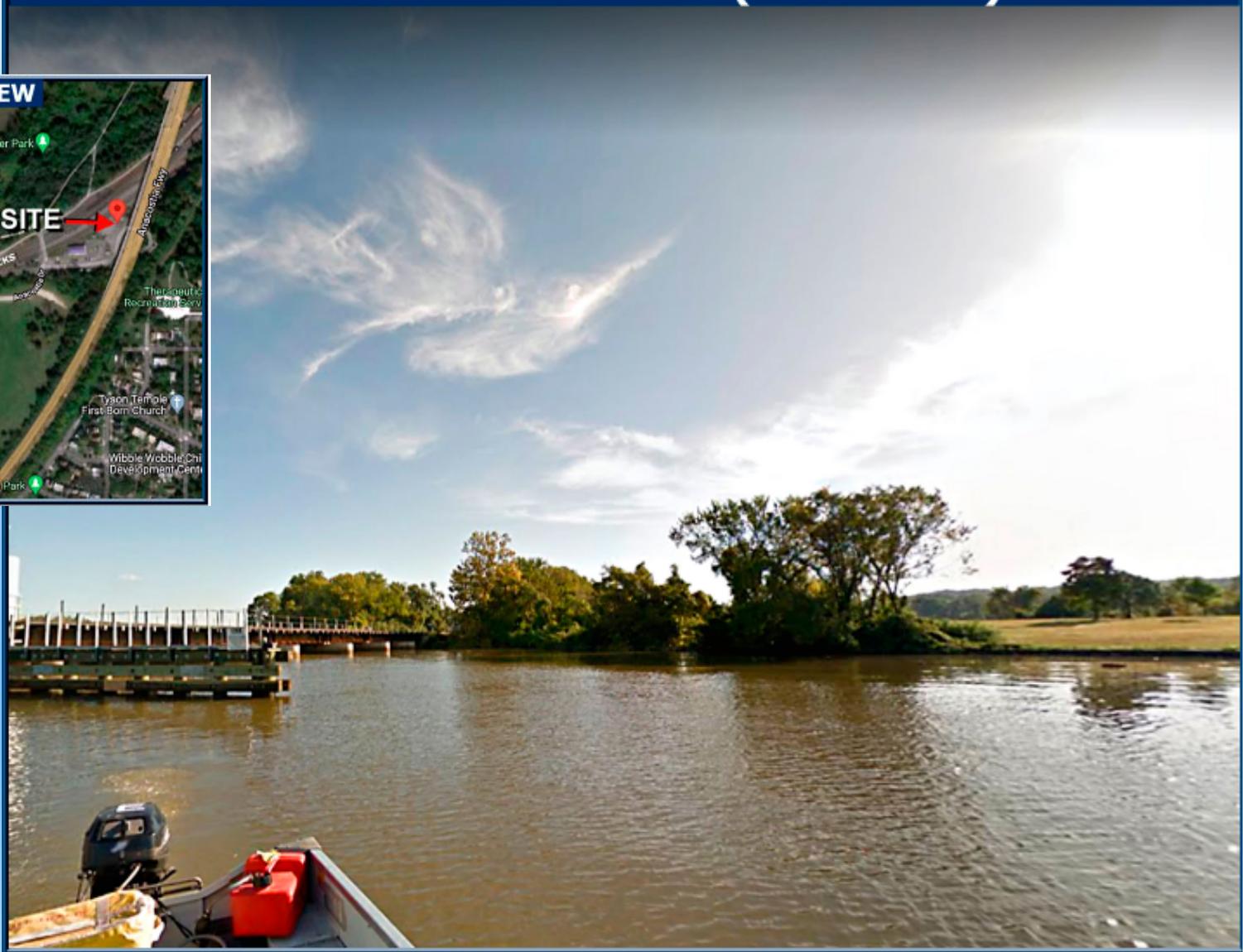
## PROPOSED VIEW 3





# Photo Simulations

## PROPOSED VIEW 5 (not visible)



**THANK YOU**